Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
Data File : BG041069.D
Acq On : 5 Jun 2019 12:22
Operator : HP/JU
Sample : PB120267BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 04:46:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Manual Integrations APPROVED
mohammad
6/6/2019 3:42:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	44351	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	161648	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	111313	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	285193	20.00	ng		-0.01
76) Chrysene-d12	21.77	240	297092	20.00	ng		-0.02
87) Perylene-d12	25.10	264	329041	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	335089	136.24	ng		0.00
7) Phenol-d6	7.26	99	461372	121.46	ng		0.00
23) Nitrobenzene-d5	9.29	82	309396	84.97	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	226898	137.30	ng		-0.01
45) 2-Fluorobiphenyl	13.36	172	672358	86.99	ng		-0.02
79) Terphenyl-d14	20.08	244	1220755	87.21	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	47336	42.412	ng		94
3) Pyridine	3.92	79	127408	38.579	ng		99
4) n-Nitrosodimethylamine	3.84	42	70462	45.972	ng		87
6) Aniline	7.44	93	129114	25.465	ng		96
8) 2-Chlorophenol	7.67	128	123648	42.168	ng		95
9) Benzaldehyde	7.25	77	46666	20.595	ng		88
10) Phenol	7.29	94	167893	41.223	ng		98
11) bis(2-Chloroethyl)ether	7.53	93	117477	39.761	ng		97
12) 1,3-Dichlorobenzene	8.00	146	145750	41.617	ng		99
13) 1,4-Dichlorobenzene	8.15	146	143916	40.597	ng		97
14) 1,2-Dichlorobenzene	8.47	146	133800	38.873	ng		98
15) Benzyl Alcohol	8.35	79	139655	39.745	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	180350	37.355	ng		95
17) 2-Methylphenol	8.55	107	115734	39.247	ng		98
18) Hexachloroethane	9.20	117	55510	40.628	ng		97
19) n-Nitroso-di-n-propylamine	8.92	70	107505	36.777	ng		97
20) 3+4-Methylphenols	8.87	107	155538	38.078	ng		97
22) Acetophenone	8.95	105	206562	45.553	ng	#	95
24) Nitrobenzene	9.33	77	166168	44.780	ng		99
25) Isophorone	9.84	82	299875	43.275	ng		99
26) 2-Nitrophenol	10.04	139	71763	46.911	ng		90
27) 2,4-Dimethylphenol	10.08	122	123178	48.755	ng		94
28) bis(2-Chloroethoxy)methane	10.33	93	156475	41.838	ng		99
29) 2,4-Dichlorophenol	10.57	162	138260	43.094	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	156999	43.016	ng		99
31) Naphthalene	10.98	128	381766	43.987	ng		98
32) Benzoic acid	10.21	122	63626m	35.032	ng		
33) 4-Chloroaniline	11.10	127	96206	23.890	ng		95
34) Hexachlorobutadiene	11.25	225	115272	41.277	ng		98
35) Caprolactam	11.88	113	43502	41.060	ng		96
36) 4-Chloro-3-methylphenol	12.20	107	153983	42.025	ng		96
37) 2-Methylnaphthalene	12.58	142	276698	41.394	ng		99
38) 1-Methylnaphthalene	12.80	142	265553	42.158	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	199385	44.441	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	264338	106.558	ng		97
43) 2,4,6-Trichlorophenol	13.18	196	130477	44.955	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	137781	45.012	ng		98
46) 1,1'-Biphenyl	13.58	154	367024	44.544	ng		100
47) 2-Chloronaphthalene	13.63	162	307494	43.471	ng		98
48) 2-Nitroaniline	13.83	65	111252	43.841	ng		96
49) Acenaphthylene	14.47	152	478112	44.909	ng		99
50) Dimethylphthalate	14.19	163	406438	43.134	ng		97
51) 2,6-Dinitrotoluene	14.32	165	89793	44.198	ng		98
52) Acenaphthene	14.81	154	275587	42.731	ng		96
53) 3-Nitroaniline	14.66	138	59699	29.386	ng		93
54) 2,4-Dinitrophenol	14.86	184	87940	82.115	ng		96
55) Dibenzofuran	15.14	168	482637	44.474	ng		99
56) 4-Nitrophenol	14.95	139	139258	99.937	ng		95
57) 2,4-Dinitrotoluene	15.10	165	128821	44.888	ng		98
58) Fluorene	15.78	166	375395	43.436	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	142913	47.509	ng		99
60) Diethylphthalate	15.54	149	404020	42.015	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	234965	41.828	ng		96
62) 4-Nitroaniline	15.82	138	92555	43.034	ng		97
63) Azobenzene	16.07	77	381388	43.637	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	72966	47.791	ng		97
66) n-Nitrosodiphenylamine	15.99	169	347753	43.376	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	153111	39.782	ng		98
68) Hexachlorobenzene	16.78	284	162514	39.653	ng		99
69) Atrazine	16.93	200	148411	47.976	ng		96
70) Pentachlorophenol	17.13	266	195558	88.590	ng		97
71) Phenanthrene	17.53	178	652874	43.949	ng		100
72) Anthracene	17.62	178	680087	46.418	ng		98
73) Carbazole	17.89	167	589278	46.874	ng		99
74) Di-n-butylphthalate	18.42	149	687088	43.974	ng		99
75) Fluoranthene	19.53	202	868920	47.356	ng		99
77) Benzidine	19.71	184	323448	45.638	ng		98
78) Pyrene	19.90	202	866446	44.863	ng		99
80) Butylbenzylphthalate	20.76	149	322477	42.907	ng		98
81) Benzo(a)anthracene	21.75	228	847457	42.852	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	203475	29.253	ng		97
83) Chrysene	21.81	228	840101	44.391	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	451007	42.628	ng		97
85) Di-n-octyl phthalate	22.86	149	794986	45.117	ng		100
86) Indeno(1,2,3-cd)pyrene	28.93	276	1023064	44.130	ng	#	98
88) Benzo(b)fluoranthene	24.03	252	889389	44.564	ng		100
89) Benzo(k)fluoranthene	24.10	252	844614	42.767	ng		99
90) Benzo(a)pyrene	24.94	252	854648	44.885	ng		97
91) Dibenzo(a,h)anthracene	28.99	278	844547	44.389	ng		99
92) Benzo(g,h,i)perylene	30.14	276	852167	46.103	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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